

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU062520\
 Data File : VU039138.D
 Acq On : 26 Jun 2020 01:27
 Operator : SY/MD
 Sample : L3104-04 40X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q08

Quant Time: Jun 26 04:23:00 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR062320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 04:20:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	251089	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252455	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.82	152	107890	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	76605	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.93	69	75965	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.59	63	122414	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	4.68	46	413365	62.29	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.58%
24) Chloroform-d	5.10	84	185911	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
26) 1,2-Dichloroethane-d4	5.74	65	118062	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.20%
32) Benzene-d6	5.76	84	351941	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.72	67	120707	5.13	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.60%
41) Toluene-d8	7.92	98	263707	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	8.20	79	46864	4.58	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.60%
46) 2-Hexanone-d5	8.66	63	303510	57.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	115.04%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109854	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	110475	5.50	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	110.00%

Target Compounds

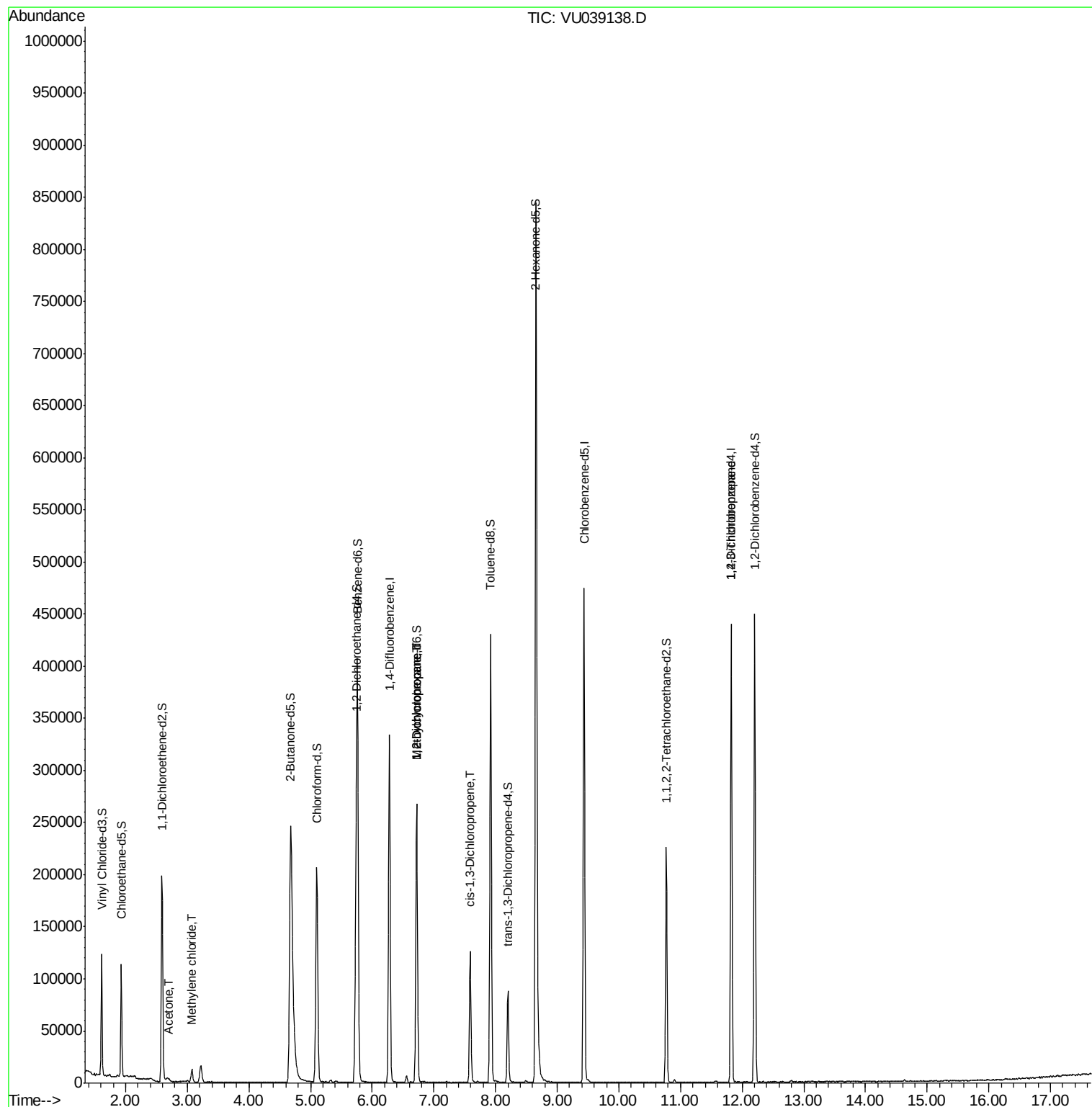
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Acetone	2.69	43	5855	1.299	ug/L	58
16) Methylene chloride	3.08	84	5362	0.250	ug/L	94
35) Methylcyclohexane	6.72	83	27481	0.965	ug/L #	18
37) 1,2-Dichloropropane	6.72	63	13658	0.636	ug/L #	87
39) cis-1,3-Dichloropropene	7.59	75	3095	0.104	ug/L #	52
59) 1,2,3-Trichloropropane	11.82	75	15058	0.929	ug/L	91

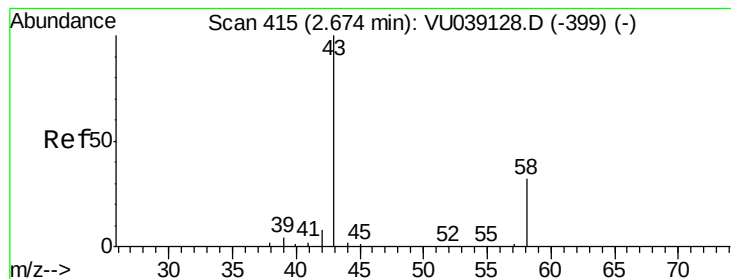
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.299 ug/L

RT: 2.69 min Scan# 420

Delta R.T. 0.02 min

Lab File: VU039138.D

Acq: 26 Jun 2020 01:27

Instrument :

MSVOA_U

ClientSampleId :

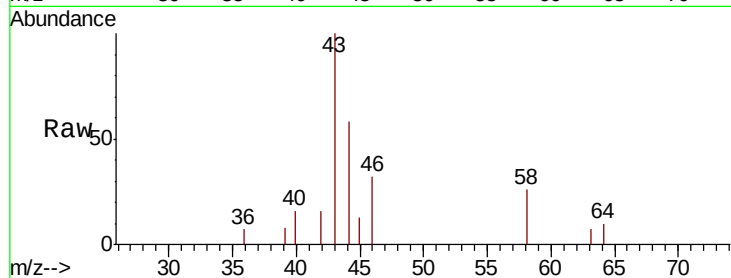
F9Q08

Tot Ion: 43 Resp: 5855

Ion Ratio Lower Upper

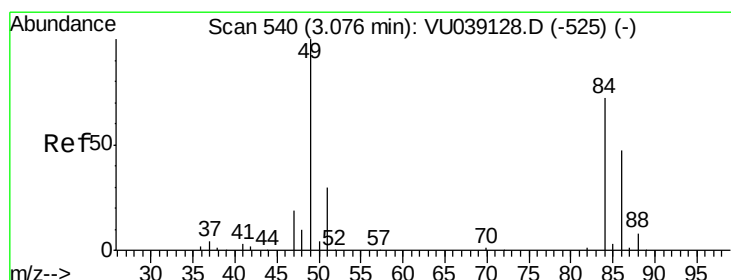
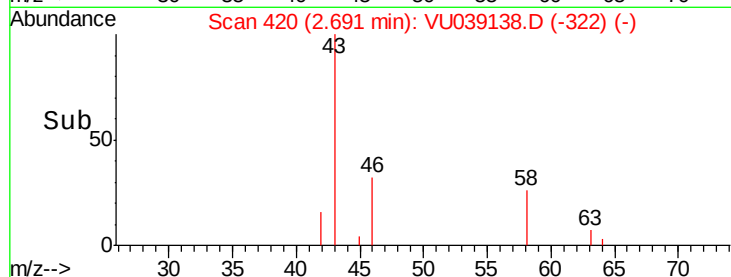
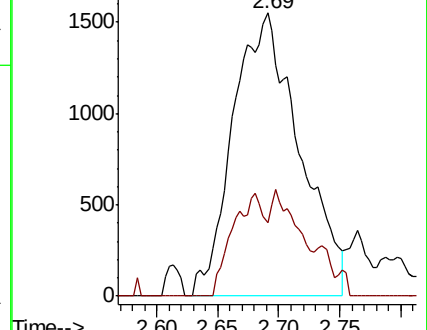
43 100

58 8.7 0.0 64.4



Abundance Ion 43.05 (42.75 to 43.75): VU039138.D (-420) (-)

Ion 58.05 (57.75 to 58.75): VU039138.D (-420) (-)



#16

Methylene chloride

Concen: 0.250 ug/L

RT: 3.08 min Scan# 540

Delta R.T. 0.00 min

Lab File: VU039138.D

Acq: 26 Jun 2020 01:27

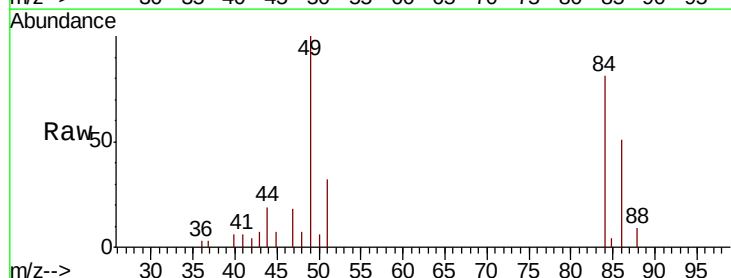
Tgt Ion: 84 Resp: 5362

Ion Ratio Lower Upper

84 100

86 63.3 44.1 81.9

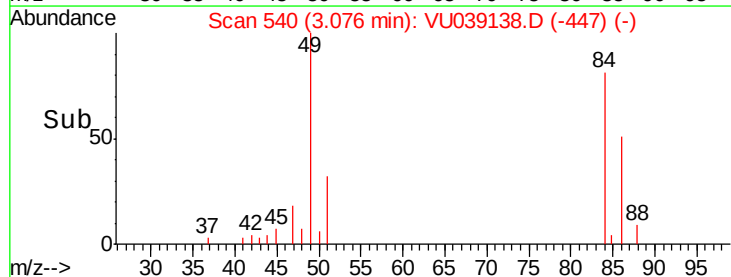
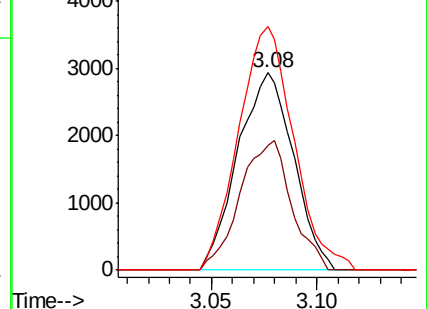
49 123.4 93.1 172.9

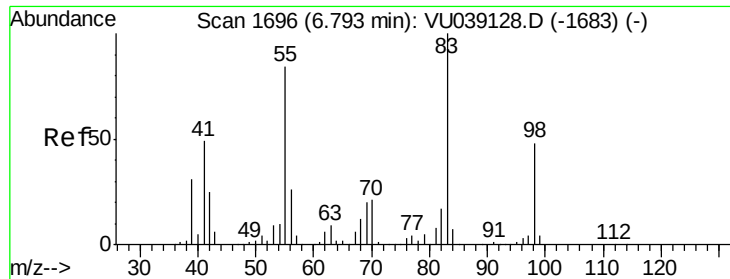


Abundance Ion 84.05 (83.75 to 84.75): VU039138.D (-540) (-)

Ion 86.00 (85.70 to 86.70): VU039138.D (-540) (-)

Ion 49.10 (48.80 to 49.80): VU039138.D (-540) (-)

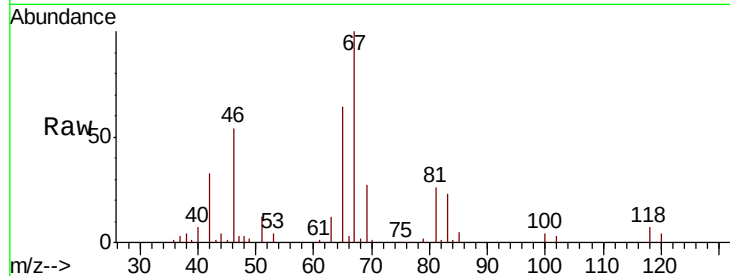




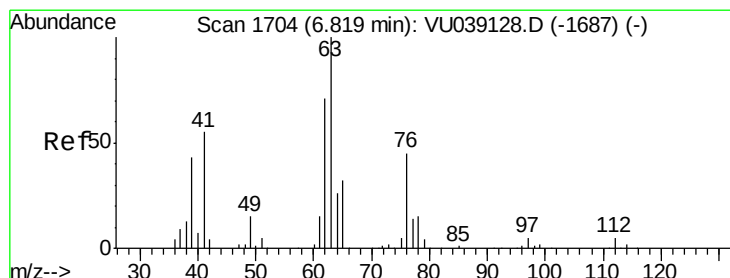
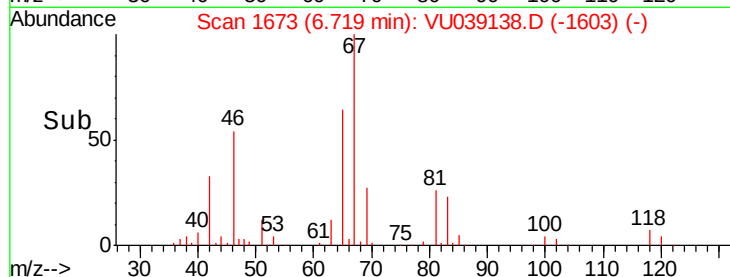
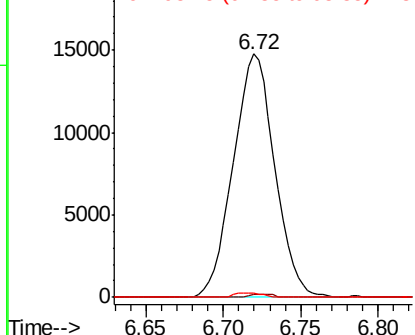
#35
Methylvlcyclohexane
Concen: 0.965 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.07 min
Lab File: VU039138.D
Acq: 26 Jun 2020 01:27

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Tot Ion: 83 Resp: 27481
Ion Ratio Lower Upper
83 100
55 0.8 65.5 98.3#
98 1.2 36.5 54.7#

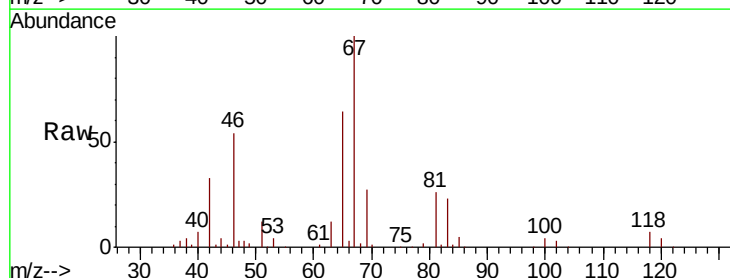


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

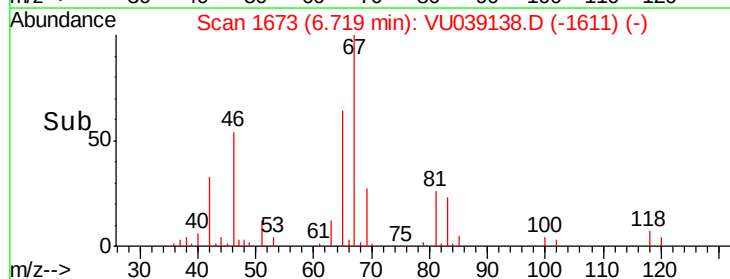
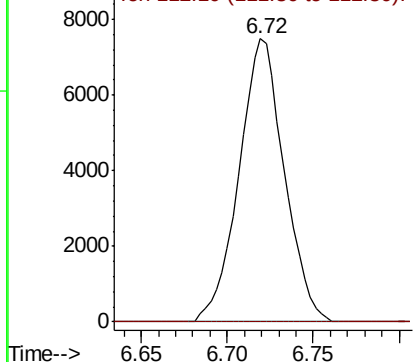


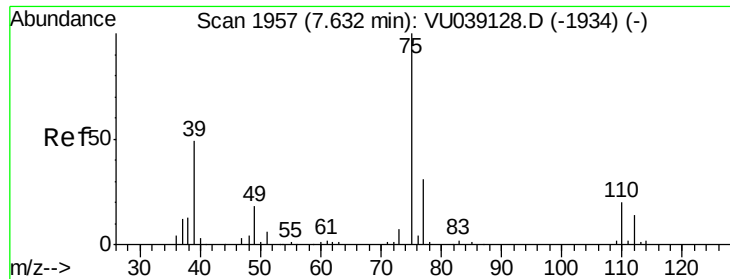
#37
1,2-Dichloropropane
Concen: 0.636 ug/L
RT: 6.72 min Scan# 1673
Delta R.T. -0.10 min
Lab File: VU039138.D
Acq: 26 Jun 2020 01:27

Tgt Ion: 63 Resp: 13658
Ion Ratio Lower Upper
63 100
112 0.1 3.4 5.2#



Abundance Ion 63.10 (62.80 to 63.80): VU0
Ion 112.10 (111.80 to 112.80): V

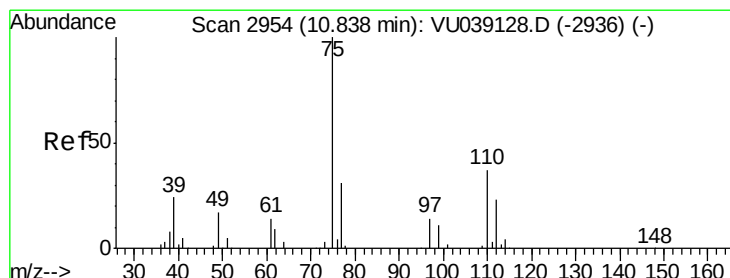
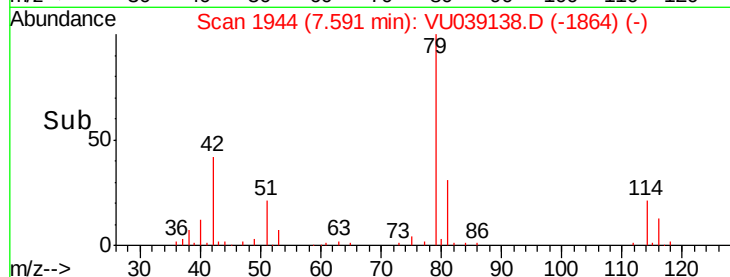
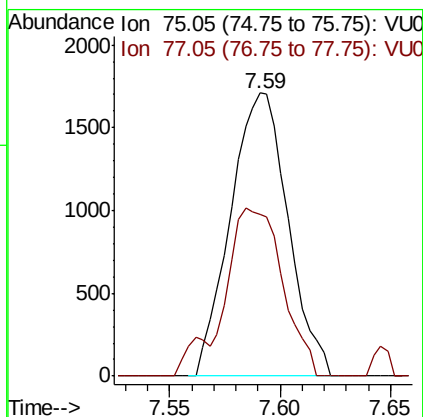
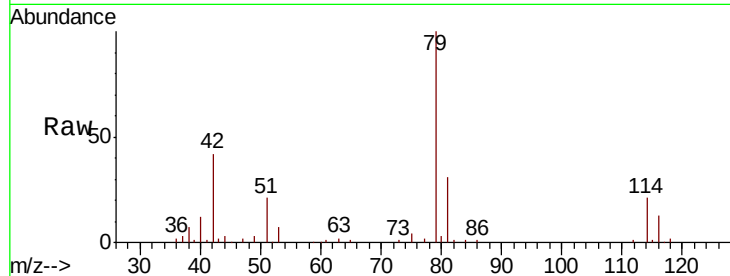




#39
 cis-1,3-Dichloropropene
 Concen: 0.104 ug/L
 RT: 7.59 min Scan# 1944
 Delta R.T. -0.04 min
 Lab File: VU039138.D
 Acq: 26 Jun 2020 01:27

Instrument :
 MSVOA_U
 ClientSampleId :
 F9Q08

Tot Ion: 75 Resp: 3095
 Ion Ratio Lower Upper
 75 100
 77 57.1 21.6 40.0#



#59
 1,2,3-Trichloropropane
 Concen: 0.929 ug/L
 RT: 11.82 min Scan# 3260
 Delta R.T. 0.98 min
 Lab File: VU039138.D
 Acq: 26 Jun 2020 01:27

Tgt Ion: 75 Resp: 15058
 Ion Ratio Lower Upper
 75 100
 77 37.7 26.2 39.2

